

HOACO RFID Machine Featuring Tagsurance[®] 3

Established in 2004, HOACO is a leading global provider of precision die cutting, web converting, printing and packaging solutions, serving manufacturing customers with excellence in diverse vertical industries - electronics, labels & printing, automobile, medical and cosmetics, clean energy, etc.

HOACO's flagship multi-station RDC (Rotary Die Cutting) machines offer industry-leading

speed, precision, and up to 32 RDC stations in a single machine. Leveraging deep expertise in RDC technology, HOACO also developed a fully integrated RDC + Flatbed cutting, laser cutting, pick-n-place, printing and packaging machines to provide customers with optimized solutions.

HOACO is the top supplier of RDC machines in China, with international customers in 30+ countries.

Enhanced RDC Machine for RFID Label Converting

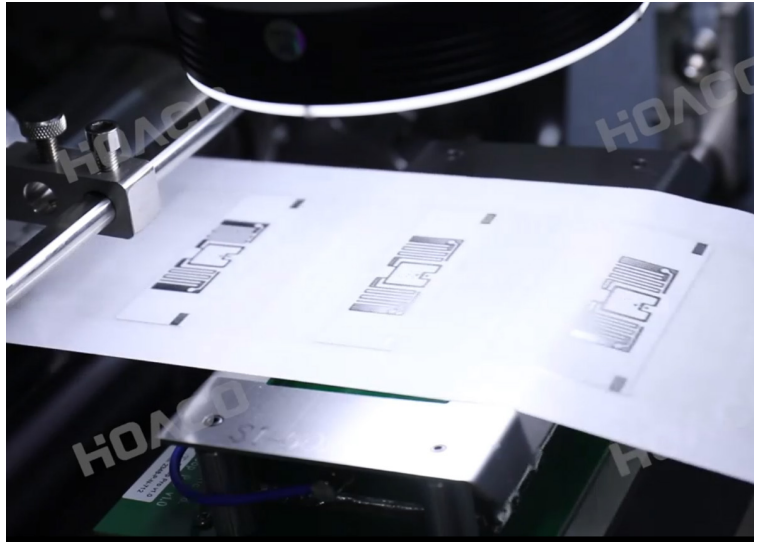


HOACO's RFID Label Converting Machine offers seamless handling of complex RFID labels comprising more than four layers. The incorporated vacuum-based asynchronous inlay cut-n-transfer mechanism saves on process tapes and tooling costs. Additionally, the machine can be equipped

with Voyantic Tagsurance 3 inline RF-performance testing, CCD vision inspection and defect marking for enhanced quality control.

KEY FEATURES

- Standard RDC machine with enhanced features and functionalities for flexible RFID lamination and converting
- Suitable for complex RFID label designs:
 - More than 3 layers
 - Extra compensation layer with holes
 - High precision
 - Labels with artworks / pre-cut inlays
 - High precision up to $\pm 0.2-0.5$ mm (Process Dependant)
- Inline CCD vision system for visual inspection
- Inline RFID inspection with Voyantic Tagsurance 3



Quality Control with Tagsurance 3

The Tagsurance system gives full visibility into the performance of RFID labels and tags.

- Adjustable test recipe and acceptance criteria
- Multiple tests in a single recipe
- Wide frequency band in use
- RF quality testing
- Reading and verifying memory content
- Quality variance data
- Proof of quality in log files



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